

U. S. PTO Customer No. 25280

Case #3046A

Amendments to the Claims:

Claims 1-32 (Canceled).

33. (Original): A dual fiber base comprising two different ends of yarn, the first end is made from 9 ends of 300 denier type 6 nylon monofilament fiber airjet textured together, these textured monofilament ends are air entangled with one end of type 6,6 nylon 1230 denier 18 dpf carpet yarn, the second end is made from three ends of air entangled type 6,6 nylon 1230 denier 18 dpf, the base is then tufted using the two yarns, the yarns are tufted in straight rows on a 5/32 gauge cut pile tufting, the base is made by alternating one end of the air entangled monofilament end and three ends of the air entangled 1230 denier yarn across the total width of the fabric, the base can be dyed on an injection dye machine.

34. (Original): A dual fiber base comprising two different ends of yarn, the first end is made from 9 ends of 500 denier type 6 nylon monofilament fiber that is airjet textured together, these textured monofilament ends are air entangled with one end of type 6,6 nylon 1230 denier 30 dpf carpet yarn, the second end is made from three ends of air entangled type 6,6 nylon 1230 denier 30 dpf, the base is then tufted using the two yarns, the yarns are tufted in straight rows on a 5/32 gauge cut pile tufting, the base is made by alternating one end of the air entangled monofilament end and three ends of the entangled 1230 denier yarn across the total width of the fabric, the base can be dyed in an injection dye machine.

U. S. PTO Customer No. 25280

Case #3046A

35. (Original): A dual fiber base comprising two different ends of yarn, the first end is made from 14 ends of 20 denier type 6 nylon monofilament fiber that has been airjet textured together, the textured monofilament ends are air entangled with one end of 4/1 cc cotton yarn, the second end is made from three ends of 4/1 cc cotton yarn air entangled together, the yarns are tufted in straight rows on a 1/8 gauge cut pile tufter, the base is made by alternating one end of the air entangled monofilament end and three ends of the air entangled 4/1 cotton yarn across the total width of the fabric, the base can be dyed on an injection dye machine.

36. (Original): A dual fiber base comprising two different ends of yarn, the first end is made from 9 ends of a non-sulfonated solution dyed 300 denier monofilament (nylon 6 or nylon 6,6) that has been airjet textured together, these textured monofilament ends are air entangled with one end of 1381 denier non-sulfonated solution dyed yarn 23 dpf, the second end is made from three ends of 1381 denier non-sulfonated solution dyed yarn 23 dpf (nylon 6 or nylon 6,6), air entangled together, the yarns are tufted in straight rows on a 5/32 gauge cut pile tufter, the base is made by alternating one end of the air entangled monofilament end and three ends of the air entangled 1381 denier solution dyed end across the total width of the fabric.

37. (Currently Amended): A method of constructing a dual fiber mat material in such a manner that allows dyeing with the use of injection dye technology, the fibers are constructed in such a way that the dual fiber properties remain and, at the same time,

U. S. PTO Customer No. 25280

Case #3046A

~~allow the monofilament fibers to absorb and adequately fill the open dye sites for complete coloration of the fiber, hence the dyeing of the monofilament fibers in the dual fiber fabric using injection dyeing technology is made possible, comprising the steps of texturing together about 2 to 30 monofilament fibers, which range from about 100 to 500 denier per filament, through the use of either air jet or mechanical texturing processes, to form a monofilament end and the number of monofilament ends that are textured together can be comprised of from about 2 to 30 filaments, after the texturing process is complete, air entangling the monofilament end with one end of conventional carpet yarn which can range from about 10 to 30 denier per filament and a total denier of about 600 to 5000 per yarn bundle, the entangling of the standard carpet yarn with the monofilament ends allows the dye fired from the jets, to be held on the surface of the monofilament fibers long enough for adequate dye penetration, surface tensions are improved to the point that very intricate and detailed patterns are possible with no shaded dyeing and with high pattern clarity, also the dual fiber mat material allows for precise and complex dyeing that yields high pattern clarity and deep dye penetration using injection dyeing technology.~~

38. (Original): A dual fiber mat material made by the process of claim 37.
39. (Original): A mat containing the dual fiber mat material made by the process of claim 37.

U. S. PTO Customer No. 25280

Case #3046A

40. (Original): A dyed mat containing the dual fiber mat material made by the process of claim 37.